

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 7

Complete if Known

Application Number	10/052,208
Filing Date	01/17/2002
First Named Inventor	NILES, Ronald S.
Group Art Unit	
Examiner Name	
Attorney Docket Number	34826 - 1009

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AB	1	5,206,946		John L. Brunk	04 - 27 - 1993	
	2	5,237,695		Zdenek E. Skokan et al.	08 - 17 - 1993	
	3	5,274,783		Kenneth A. House et al.	12 - 28 - 1993	
	4	5,287,537		Rona J. Newmark et al.	02 - 15 - 1994	
	5	5,325,527		Randy A. Cwikowski et al.	06 - 28 - 1994	
	6	5,333,277		Ronald C. Searls	07 - 26 - 1994	
	7	5,388,243		Joseph S. Glider et al.	02 - 07 - 1995	
	8	5,463,772		Bruce A. Thompson et al.	10 - 31 - 1995	
	9	5,471,634		Paul J. Giorgio et al.	11 - 28 - 1995	
	10	5,491,812		Thomas Pisello et al.	02 - 13 - 1996	
	11	5,504,757		Sherri E. Cook et al.	04 - 02 - 1996	
	12	5,524,175		Yuji Sato et al.	06 - 04 - 1996	
	13	5,528,765		James H. Milligan	06 - 18 - 1996	
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	15	5,548,783		Craig S. Jones et al.	08 - 20 - 1996	
	16	5,561,812		Paul Ravaux et al.	10 - 01 - 1996	
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	18	5,574,862		Ronald Marianetti, II	11 - 12 - 1996	
PR	19	5,596,723		Steven D. Romohr	01 - 21 - 1997	
	20	5,613,160		Andrew J. Kraslavsky et al.	03 - 18 - 1997	

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		First Named Inventor	NILES, Ronald A.		
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		Examiner Name			
Sheet	3	of	7	Attorney Docket Number	34826 - 1009

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PB	1	"SCSI- adapter for hard disks. Part 3: BIOS," Klien, R.-D, THIEL, T., Mikrocomputer Zeitschrift, No. 12, pp 88 - 98, 102 - 5, publ. 12/89.	
	2	"General host interface for SCSI applications," PUTNAM, T., OPTICALINFO 89. The International Meeting for Optical Publishing and Storage, pp 99-105, publ. Learned Information, Oxford, UK, 1989	
	3	"Automatic Small Computer System Interface Termination Circuit for Narrow/Wide Devices on Wide Bus," IBM Technical Disclosure Bulletin, pp 79 - 82, Apr. 1997.	
	4	"Transparent Target Mode for a Small Computer System Interface," IBM Technical Disclosure Bulletin, pp. 161 - 164, August 1990	
	5	"Automatic Target Mode for the Small Computer System Interface" IBM Technical Disclosure Bulletin, pp. 130 - 133, October 1990	
	6	"Method Allowing Small Computer Interface Adapters to Coexist with Other Hardfile Adapters," IBM Technical Disclosure Bulletin, pp. 709 - 710, September 1994.	
	7	"Software Solution for Coordinating a Small Computer System Interface with Multiple Drives," IBM Technical Disclosure Bulletin, pp. 577 - 578, June 1995	
	8	"Multi-Thread Sequencing in a Small Computer Interface Environment," IBM Technical Disclosure Bulletin, pp. 497 - 500, September 1994	
	9	SCSI Device Auto-Sensing for On-Board SCSI Interface Sub-System," IBM Technical Disclosure , pp. 395 - 396, February 1994	
	10	"Small Computer System Interface ID Translation," IBM Technical Disclosure Bulletin, pp.125 - 126, February 1994	
PB	11	"Single-Ended Device to Differential Small Computer System Interface Converter," IBM Technical Disclosure Bulletin, pp. 457 - 458, December 1993.	

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		Group Art Unit	
		Examiner Name	
Sheet 4	of 7	Attorney Docket Number	34826 - 1009

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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PD	12	SCSI Multiple Initiator," IBM Disclosure Bulletin, pp. 367 - 369, September 1992	
	13	"Self Configuring Small Computer System Interface Device Driver," IBM Technical Disclosure Bulletin, pp. 135 - 142, March 1995	
	14	"Multiple Small Computer System Interface Command Arrangement," IBM Technical Disclosure Bulletin, pp. 613 - 614, January 1995	
	15	"Real-Time Performance for Small Computer System Interface Disk Arrays," IBM Technical Bulletin, pp. 33-34, Feb. 1996	
	16	"Managing Queue Full Status for Small Computer System Interface, Version 2," IBM Technical Disclosure Bulletin, pp. 247-248, July 1995	
	17	"Small Computer Systems Interface Identification Qualification During Selection/Deselection," IBM Technical Disclosure Bulletin, pp. 209-210, Dec. 1990	
	18	"Suppress Illegal Length Indication on the Small Computer System Interface While Still Detecting Length Errors," IBM Technical Disclosure Bulletin, pp. 316-318, March 1990.	
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	20	"XDR: External Data Representation Standard," Network Working Group, RFC 1014, Sun Microsystems, Inc., June 1987 (http://rfc.net/rfc1014.html)	
	21	"Information Technology-SCSI Architecture Model-2 (SAM-2)," T10 Technical Committee, NCITS, Project 1157 - D, Revision 14 (Working Draft), Sept. 17, 2000, Distributed by Global Engineering Documents, Englewood, CO	
	PD	22	"Network-attached peripherals (NAP) for HPSS/SIOF," Lawrence Livermore National Laboratory, Oct. 1995 (www.llnl.gov/liv_comp/siof_nap.html)

Examiner Signature	<i>Pat Blum</i>	Date Considered	<i>12/15/01</i>
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		First Named Inventor	NILES, Roanld A.
		Group Art Unit	
		Examiner Name	
Sheet 5	of 7	Attorney Docket Number	34826-1009

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	23	"A Brief Survey of Current Work on Network Attached Peripherals," (Extended Abstract) VAN METER, Rodney pp. 63 - 70, Operating Systems Review, Jan. 1996, ACM Press	
	24	"A Brief Survey of Current Work on Network Attached Peripherals," VAN METER, Rodney D., Information Sciences Institute, University of Southern California, January 19, 1996.	
	25	"A Case for Network-Attached Secure Disks," GIBSON, Garth A., David F. Nagle, Khalil Amiri, Fay W. Chang, Eugene Feinberg, Howard Gobioff, Chen Lee, Berend Ozceri, Erik Riedel and David Rochberg, School of Computer Science, Carnegie Mellon University, September 1996	
	26	"Solving Network Storage Problems," Network Storage Solutions, Inc., 600 Herndon Parkway, Herndon, VA 22070, (www.networkbuyersguide.com/search/129002.htm) (no date)	
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	28	"NVD Research Issues and Preliminary Models," FINN, Gregory G., Steven Hotz, and Van Meter, Rod, USC/Information Sciences Institute, March 1995 (updated 9/1/95) (www.isi.edu/div7/netstation)	
	29	"VISA: Netstation's Virtual Internet SCSI Adapter," VAN METER, Rodney, USC/Information Sciences Institute, July 15, 1997 (slides).	
	30	"VISA: Netstation's Virtual Internet SCSI Adapter," VAN METER, Rodney, Gregory G. Finn, and Steve Hotz, Information Sciences Institute, University of Southern California, ASPLOS 8, Oct. 1998	
	31	"Task Force on Network Storage Architecture: Internet-attached storage devices," VAN METER, Rodney, Steve Hotz and Gregory G. Finn, University of Southern California/Information Sciences I IEEE, p.726, publ. in the Proceedings of the Hawaii Intl. Conf. on System Sciences, Jan. 8-10, 1997 Wailea, HI	
	32	"ATOMIC: A Low-Cost, Very High-Speed, Local Communication Architecture," COHEN, Danny, Gregory Finn, Robert Felderman, Annette DeSchon, USC/Information Sciences Institute, 1993 International Conference on Parallel Processing.	
	33	"ATOMIC: A High-Speed Local Communication Architecture," FELDERMAN, Robert, Annette DeSchon, Danny Cohen, Gregory Finn, USC/Information Sciences Institute, Journal of High Speed Networks 1 (1994), pp. 1-28, IOS Press.	


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	34	"ATOMIC: A Local Communication Network Created Through Repeated Application of Multicomputing Components," COHEN, Danny, Gregory Finn, Robert Felderman, Annette DeSchon, University of Southern California/Information Sciences Institute, Oct. 1992	
	35	"An Integration of Network Communication with Workstation Architecture," FINN, Gregory G. USC/Information Sciences Institute, October 1991, ACM Computer Communication Review.	
	36	"ATOMIC: A Low-Cost, Very-High-Speed LAN," COHEN, Danny, Gregory Finn, Robert Felderman, Annette DeSchon, USC/Information Sciences Institute (no date of publ.) (probably before 1995).	
	37	"Interfacing High-Definition Displays via the Internet," FINN, Gregory G., Rod Van Meter, Steve Hotz, Bruce Parham, USC/Information Sciences Institute, August 1995.	
	38	"Netstation Architecture Multi-Gigabit Workstation Network Fabric," FINN, Gregory G., Paul Mockapetris, USC/Information Sciences Institute (no date)(probably before 1995).	
	39	"Netstation Architecture Gigabit Communication Fabric," FINN, G. G., USC/Information Sciences Institute, University of Southern California, April 1994, (slidechart/diagrams).	
	40	"The Use of Message-Based Multicomputer Components to Construct Gigabit Networks," COHEN, Danny, Gregory G. Finn, Robert Felderman and Annette DeSchon, USC/Information Sciences Institute, June 1992	
	41	"Transoft polishes SCSI-Net hub; Stalker Ships SCSI-Sharing Tool," by Nathalie Welch, MacWeek, Aug. 22, 1994 (News section).	
	42	"SCSIShare/Share that Scanner," p. 71, Nov. 1995, MacUser.	
	43	"Stalker Software Announces an Update and a Free Demo of Their Popular SCSIShare Software," by Larry Allen, Mac Mania News, July 30, 1998.	
	44	"IP Storage (ips)," IETF, (updated as of Oct. 2000)(www.ietf.org/html.charters/ips-charter.html)	

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<i>[Signature]</i>	45	"Encapsulating IP with the Small Computer System Interface," ELLISTON, B., CompuDat Research, Network Working Group, RFC 2143, May 1997 (http://rfc.net/rfc2143.html)
<i>[Signature]</i>	46	"Encapsulating IP Using SCSI," ELLISTON, Ben, Linux Journal, August 1998 (www2.linuxjournal.com/lj-issues/issue52/2344.html)
<i>[Signature]</i>	47	"IP Encapsulation in SCSI Driver," SCOTT, Randy, Chris Frantz and Alan Bork, Feb. 1997 (www.msoe.edu/~sebern/courses/cs400/team1/final/index.htm)
<i>[Signature]</i>	48	"Networking CD-ROMs - The Power of Shared Access," PERRATORE, Ed, PC Magazine, 12/31/91, pp. 333-363.

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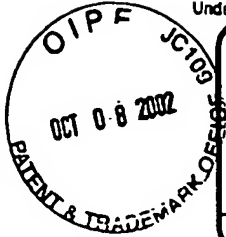
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